GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:4959
ANSWERED ON:02.09.2011
TRANSMISSION LINES
Nagar Shri Surendra Singh;Sugavanam Shri E.G.

Will the Minister of POWER be pleased to state:

(a) whether the Government proposes to lay new power transmission lines in various States in the country;

(b) if so, the details thereof along with the cost likely to be incurred thereon;

(c) the time by which the new power transmission lines are likely to be laid;

(d) whether the Power Grid Corporation of India Limited (PGCIL) also proposes to expand its transmission network in the country; and

(e) if so, the details thereof and the funds likely to be spent by the PGCIL for the purpose?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL)

(a) to (c): As per Electricity Act, 2003, State Government notifies the Board or a Company as the State Transmission Utility (STU) and one of the functions of the STU is to ensure development of an efficient, coordinated and economic system of intra-State Transmission Lines for smooth flow of electricity from a generating station to the load centres. Power Grid Corporation of India Ltd.(PGCIL), the Central Transmission Utility (CTU) of the Country and a Navaratna Company is engaged in power transmission business and has been entrusted with the responsibility for planning, coordination, supervision and control over inter-state transmission system and operation of National & Regional Power Grids. It has already established a transmission network comprising ofabout 85000Ckm of Extra High Voltage Alternating Current(EHV AC) & High Voltage Direct Current(HVDC) Transmission lines and it is expected to add about 55000 Ckm in the next 5 to 6 years. Apart from this, Ministry of Power has also taken initiative for laying Transmission Lines through Tariff Based Competitive Bidding route. Under this, six projects with an estimated cost of Rs.10,070/- crore have already been awarded. These projects are scheduled to come up in the XII Plan.

(d) to (e): Yes, Madam. PGCIL has planned to expand its transmission network in the country in line with the expected generation capacity addition during XII Plan pegged at 75,000 MW as per Strategic Blue Print document of Ministry of Power. As the generation capacity addition programme and corresponding transmission system in the country during XII Plan is still under the process of finalization by Central Electricity Authority(CEA), Ministry of Power and the Planning Commission, the transmission network addition is envisaged based on:

(i) Regulatory approval accorded by Central Electricity Regulatory Commission (CERC) to PGCIL to proceed with the execution of nine High Capacity transmission corridors (with HVDC links/765kV Ultra High Voltage Alternating Current(UHVAC) lines) to facilitate evacuation of power from various generation projects being developed by Independent Power Producers (IPPs) in India. The estimated cost is about Rs. 58,000 Crores.

(ii) Transmission systems for six Ultra Mega Power Projects (UMPPs) i.e. Sasan, Mundra, Krishnapatnam, Tillaiya and newly proposed at Orissa and Chhattisgarh assigned to PGCIL by Ministry of Power.

(iii) Bulk Power Transmission Agreement (BPTA) with other beneficiaries/ Generators including private power producers for providing Long Term Open access (LTOA) for constructing the transmission network. Based on the above, PGCIL has estimated a Capital Outlay of Rs.1,00,000 Crores for implementation of transmission schemes associated with the above projects. Some of the schemes have already been taken up for implementation and the others are in the process, which will continue through XII Plan.